INTERNATIONAL SEARCH REPORT

FCT/GB2004/001592

| | | | FC1/ GB2004/ 001592 | |
|--|--|---|---------------------------------------|--|
| A. CLASSII IPC 7 | FICATION OF SUBJECT MATTER F24F13/02 F16L9/00 | | | |
| | | #I 4 IDO | | |
| | International Patent Classification (IPC) or to both national classifications | iion and IPC | | |
| | SEARCHED currentation searched (dassification system followed by classification | n symbols) | | |
| IPC 7 | F24F F16L | | | |
| Documentat | lon searched other than minimum documentation to the extent that su | ich documents are includ | ed in the fields searched | |
| Electronic d | ata base consulted during the international search (name of data bas | e and, where practical, s | earch terms used) | |
| EPO-In | ternal, WPI Data, PAJ | | | |
| C. DOCUMI | ENTS CONSIDERED TO BE RELEVANT | | | |
| Category * | Citation of document, with indication, where appropriate, of the relo | evant passages | Relevant to dalm No. | |
| х | US 5 285 818 A (HUMMERT III AUGUS 15 February 1994 (1994-02-15) | т н) | 1 | |
| Y | the whole document | | 2-7, 9-12, 14-16 | |
| Υ . | GB 1 241 413 A (ATOMIC POWER CONS LIMITED) 4 August 1971 (1971-08-0 claims 1,3; figures 9,10 | 2-7,9-11 | | |
| Y | DATABASE EPODOC EUROPEAN PATENT OFFICE, THE HAGUE XP002289554 abstract | 12,14-16 | | |
| Y | -& GR 1 002 959 B (DAIOS ASTERIOS 1 September 1998 (1998-09-01) abstract; figures | 12,14-16 | | |
| | | / | | |
| X Furt | her documents are listed in the continuation of box C. | χ Patent family ma | embers are listed in annex. | |
| "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the International filing date but | | "T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family Date of malling of the international search report | | |
| 1 | 0 August 2004 | 17/08/2004 | | |
| Name and | Name and mailing address of the ISA European Palent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | | Authorized officer Gonzalez-Granda, C | |

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| CJContinu | ation) DOCUMENTS CONSIDERED TO BE RELEVANT | |
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| Category * | | Relevant to claim No. |
| A | PATENT ABSTRACTS OF JAPAN vol. 008, no. 140 (M-305), 29 June 1984 (1984-06-29) -& JP 59 038542 A (BABCOCK HITACHI KK), 2 March 1984 (1984-03-02) abstract | 1 |
| A | PATENT ABSTRACTS OF JAPAN vol. 1996, no. 10, 31 October 1996 (1996-10-31) -& JP 08 159378 A (SEKISUI CHEM CO LTD), 21 June 1996 (1996-06-21) abstract | 12,15,16 |
| A | abstract US 2 378 272 A (WHITAKER LAURENCE E) 12 June 1945 (1945-06-12) the whole document | |
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International application No. PCT/GB2004/001592

INTERNATIONAL SEARCH REPORT

| Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet) |
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| This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: |
| 1. X Claims Nos.: 13,18 because they relate to subject matter not required to be searched by this Authority, namely: Rule 6.2 PCT |
| Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically: |
| 3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a). |
| Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) |
| This International Searching Authority found multiple inventions in this international application, as follows: |
| |
| As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims. |
| 2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. |
| 3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.: |
| 4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: |
| Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees. |

INTERNATIONAL SEARCH REPORT

information on patent family members

PCT/6B2004/001592

| Patent document cited in search report | | Publication date | Patent family member(s) | | Publication date | |
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Form PCT/ISA/210 (patent family annex) (January 2004)

